

DRILLER'S LOG

COMPANY: Glen Rupe
 CONTRACTOR: LEBEN DRILLING, INC.
 FARM: CASE #1
 LOCATION: C W½ SECTION 20-26S-18W
 EDWARDS COUNTY, KANSAS
 COMMENCED: 8-23-67
 COMPLETED: 9-5-67

0	225	Sand
225	280	Shale, Clay
280	990	Redbed, Shale
990	1250	Shale
1250	1290	Anhydrite
1290	1700	Shale, Shells
1700	2545	Lime, Shale
2545	3345	Lime
3345	3390	Sand
3390	4710	Lime
4710	4725	Chert
	<u>4725</u>	<u>RTD - Set 5½" Casing</u>

8 5/8" surface casing set @ 280' cemented with 225 sacks Common, 2% cc

I, Leslie Kite, do hereby certify that the above and foregoing is a true and correct copy of the log of the Case #1 Well, located C West Half Section 20, Township 26 South, Range 18 West, Edwards County, Kansas, as reflected by the records of Leben Drilling, Inc.

Leslie Kite
 Leslie Kite

STATE OF KANSAS)
) SS
 COUNTY OF BARTON)

Subscribed and sworn to and before me, a Notary Public, in and for Barton County, Kansas, this 8th day of September, 1967.

Ulanda Nichols
 Ulanda Nichols

My Commission Expires:
 April 1, 1971

*mailed copy to Bureau
 re well log
 11/5/68
 JWC*

20-26-18W

COMPANY Glen Rupe

SEC. 20 26 R. 18W

FARM Case

NO. 1

LOC. NW NE SW

COUNTY Edwards

TOTAL DEPTH 4725'

COMM. 8-23-67

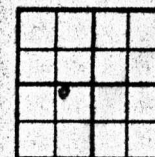
COMP. 9-5-67

SHOT OR TREATED

CONTRACTOR Leben Drilling

ISSUED 2-17-68

KANSAS



CASING

20	10	
15	8 5/8" 280'	cem w/ 225 sk
12	6	
13	5	

ELEVATION 2200' KB

PRODUCTION 71 BOPD

FIGURES INDICATE BOTTOM OF FORMATIONS 50 % W/ LKC 4430-36

0	225	Sand
225	280	Shale, Clay
280	990	Redbed, Shale
990	1250	Shale
1250	1290	Anhydrite
1290	1700	Shale, Shells
1700	2545	Lime, Shale
2545	3345	Lime
3345	3390	Sand
3390	4710	Lime
4710	4725	Chert
	4725	RTD - Set 5 1/2" Casing

8 5/8" surface casing set 280' cemented with 225 sacks Common, 2% cc

TOPS: LOG

-----	Chase	2452
	Winfield	2517
I, Leslie	Fort Riley	2582
a true &	Florence	2635
West Ha	Indian Cave	3190
County,	Wabaunsee	3253
	Langdon	3311
	Tarkio	3390
	Topeka	3580
	Heebner	3992
	Toronto	4044
	Douglas	4060
STATE O	Brown lime	4132
	Lansing	4142
COUNTY	Base Kansas City	4512
	Marmaton	4534
	Cherokee shale	4629
	Mississippi Chat	4702

that the above and foregoing is of the Case #1 Well, located South, Range 18 West, Edwards County, records of Leben Drilling, Inc.

Leslie Kite

Leslie Kite

and before me, a Notary Public, in and for Barton County, Kansas, this 8th day of September, 1967.